5

ABSTRACT OF THE DISCLOSURE

Kappa opioid receptor antagonists are provided that yield significant improvements in functional binding assays to kappa opioid receptors relative to nor-BNI, and the use of these antagonists in treatment of disease states that are ameliorated by binding of the kappa opioid receptor such as heroin or cocaine addictions.

I:\atty\DJM\rti\20250178-pa.wpd

 $I:\atty\DJM\rti\20250178-pa.wpd$